



PATIENT

Coco Guzman

PRESENTING CLINICAL SIGNS

History: Presented for 3-month recheck abdominal ultrasound. The previous study was performed on 11/3/22 and had a right adrenal mass.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

West Highland White
Terrier

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

SEX

Female, spayed

The left kidney is normal size (4.12 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

AGE

9 yrs.

The right kidney is normal size (4.29 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

WEIGHT

15.8 lbs.

Adrenal Glands

The left adrenal gland is normal size (0.42 cm at cranial pole) (0.56 cm at caudal pole) (1.91 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(*Small Animal Internal
Medicine*)

The right adrenal gland is enlarged at the cranial pole and normal in size at the caudal pole (0.85 cm at cranial pole) (0.36 cm at caudal pole) (2.20 cm in length). At the cranial aspect, a 1.02 x 0.85 cm hyperechoic nodule is visualized. The glandular echogenicity and detail at the caudal pole are unremarkable. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING

PERFORMED BY

Dr. Ferrer

Spleen

The spleen is normal in size (1.04 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

HOSPITAL NAME

Paseos VC

Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The gallbladder is of normal contours and contains some dependent echogenic debris. The wall is normal in thickness. No choleliths are observed. The cystic and common bile ducts are normal.

REFERRING VET

Dr. Ferrer

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Gastrointestinal

DATE

2/6/23



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The gastric lumen is mildly to moderately distended with ingesta. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is segmentally dilated with chyme. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The ileocecolic junction and colonic wall are normal. No obstructive disease is noted.

SPECIES

Canine

Pancreas

The right limb of the pancreas is normal in size with normal curvilinear peripheral contours. The parenchyma is largely isoechoic relative to surrounding omental fat and slightly mottled in appearance. The pancreatic duct is visible but not overtly dilated. There is no evidence of peripancreatic inflammation or effusion.

BREED

West Highland White Terrier

SEX

Female, spayed

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. 1-2 prominent mesenteric lymph nodes are visualized, the largest measuring 0.80 cm in length. The nodes are normal in shape and echogenicity.

AGE

9 yrs.

Other

A 0.89 cm cystic structure is observed in the cranial abdomen.

WEIGHT

15.8 lbs.

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Right adrenal nodule. Differentials include adenoma, adenocarcinoma, pheochromocytoma, focal inflammatory process, other. The nodule is similar-to-slightly larger in size compared to the previous sonogram.

Secondary Findings:

- Mild age-related pancreatic remodeling. Changes are similar to the previous sonogram.
- The lymph node changes are most consistent with reactive lymphadenitis or lymphoid hyperplasia.
- Mild bilateral age-related renal changes.
- The cystic structure in the cranial abdomen is still present. Its origin is unclear. It may be arising from mesentery, lymph node, pancreas, liver, other. A benign lesion is suspected with a lower possibility of an emerging vascular tumor.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- If the patient is experiencing clinical signs associated with the adrenal tumor (i.e., PU/PD, polyphagia, panting, hypertension), consider further testing (i.e., low-dose dexamethasone suppression test, urine/blood catecholamine levels). Otherwise, a repeat ultrasound is recommended in 3 months to assess for growth of the nodule.



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- Thoracic radiographs are also recommended to assess for pulmonary metastatic disease, if not already performed.

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

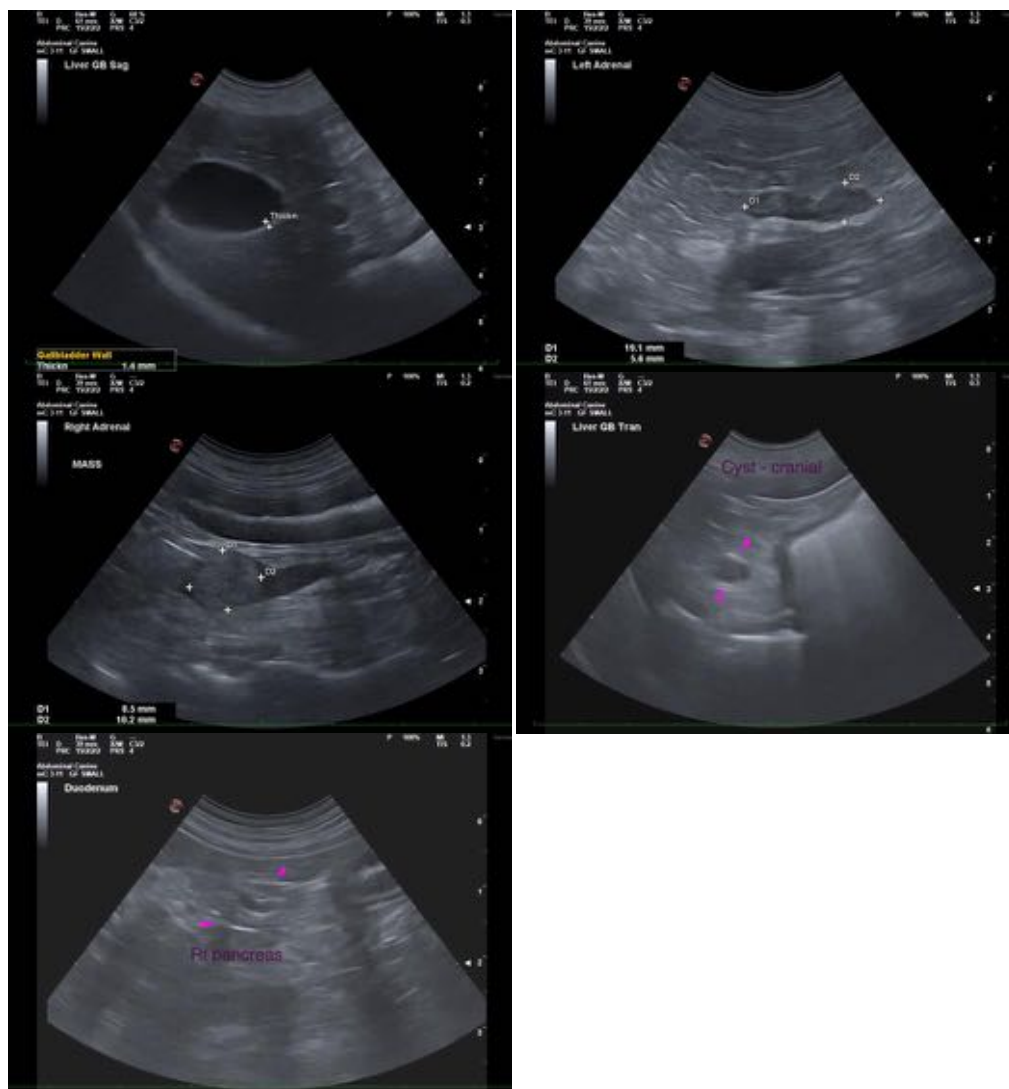
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